

What is Claimed is :

1. A polypeptide consisting of an amino acid sequence of the following (a) or (b):

(a) an amino acid sequence consists of amino acids numbered by Nos. 1 - 308 shown in SEQ ID NO: 1 in a sequence list thereof : or

(b) an amino acid sequence in which a part of said polypeptide (a) is deleted or one or more amino acids are added to said amino acid sequence (a) or a part of amino acid sequence (a) is substituted with one or more amino acids, the amino acid sequence (b) being induced by an environmental stress.

2. The polypeptide according to claim 1, wherein said environmental stress is injury stress, osmotic pressure stress, salt stress or low-temperature stress.

3. A gene encoding the polypeptide according to claim 1.

4. A gene consisting of a base sequence consists of bases numbered by Nos. 1 - 927 shown in SEQ ID NO: 2 in a sequence list thereof, encoding the polypeptide according to claim 1.

5. A gene consisting of a base sequence of following (c) or (d):

(c) a base sequence consists of bases numbered by Nos. 1 - 1210 shown in SEQ ID NO: 3 in a sequence list thereof : or

(d) a base sequence that hybridizes with said base sequence (c) under stringent condition, the base sequence (d) being induced by an environmental stress.

6. The gene according to claim 5, wherein said environmental stress is injury stress, osmotic pressure stress, salt stress or low-temperature stress.

7. A method to render resistance to an environmental stress to a plant, the method comprising incorporation of the gene according to either one of claim 3 to claim 6 into said plant.

8. A transgenic plant exhibiting resistance to an environmental stress, produced by incorporation of the gene according to either one of claim 3 to